



Cleveland Clinic

Epilepsy Center

2009 Epilepsy Symposia

Epileptology: Comprehensive Review and Practical Exercises

June 19-21, 2009

**18th International Cleveland Clinic Epilepsy Symposium:
Epilepsy Surgery – Improving Outcomes**

June 21-24, 2009



www.ccfcm.org/epilepsy09

2009 Epilepsy Symposia



Epileptology: Comprehensive Review and Practical Exercises

June 19-21, 2009

18th International Cleveland Clinic Epilepsy Symposium: Epilepsy Surgery – Improving Outcomes

June 22-24, 2009

InterContinental Hotel and
Bank of America Conference Center
Cleveland, OH

Description

These unique epilepsy symposia will focus on the impact of recent advances in diagnosis and management of epilepsy that serves to bridge a major gap in the medical community's knowledge of medical and surgical treatments of epilepsy. In addition, the various levels of seizure outcomes, mortality due to epilepsy, psychiatric co-morbidities, cognitive functioning, social reintegration and economic impact of successful therapeutic interventions will be addressed.

Target Audience

The symposium is designed for adult and pediatric neurologists and epileptologists, neurosurgeons performing epilepsy surgery in adults and children, psychiatrists, clinical neuropsychologists, social workers and other expert caretakers of patients across all age groups with epilepsy.

Learning Objectives

- Discuss state-of-the-art diagnostic and treatment approaches in epilepsy
- Review the medical, surgical and psychiatric factors that affect epilepsy outcomes in children & adults
- Discuss the socio-economic impact of epilepsy control
- Outline the role of antiepileptic medications in post surgical patient management
- Apply therapeutic strategies that are most effective for specific epilepsy types
- Identify EEG patterns characteristic of the various types of epilepsy

Call for Abstracts

Residents and fellows are invited to submit abstracts describing epilepsy related research in the following categories: clinical epileptology, epilepsy surgery; epilepsy neuroimaging; neuropsychiatric aspects of epilepsy; and neuropharmacology. Five abstracts will be awarded platform presentations and the registration fees will be waived for the presenting authors.

Abstracts may be submitted to www.cfcme.org/EpilSurg09abstracts
Deadline to submit is May 1, 2009

2009 Epilepsy Symposia Invited Faculty

Directors

Andreas Alexopoulos, MD, MPH
William Bingaman, MD
Lara Jehi, MD

Deepak Lachhwani, MD
Imad Najm, MD
Ingrid Tuxhorn, MD, ChB

Cleveland Clinic Faculty

Jocelyn Bautista, MD
Juan Bulacio, MD
Richard Burgess, MD, PhD
Jessica Chapin, PhD
Tatiana Falcone, MD
Nancy Foldvary-Schaefer, DO
Paul Ford, PhD
John Glazer, MD
Jorge Gonzalez-Martinez, MD, PhD
Ajay Gupta, MD
Denise Hagen, LISW
Stephen Hantus, MD
Jennifer Haut, PhD
Danielle Humbel, LISW

Stephen Jones, MD, PhD
Patricia Klaas, PhD
Prakash Kotagal, MD
Cynthia Kubu, PhD
John Mosher, PhD
Sean Nagel, MD
Dileep Nair, MD
Richard Naugle, PhD
Richard Prayson, MD
Paul Ruggieri, MD
Diosely Silveira, MD, PhD
Glen Stevens, DO, PhD
George Tesar, MD
Elaine Wyllie, MD

Guest Faculty

Bassel Abou-Khalil, MD
Nashville, TN

Frederick Andermann, OC, MD, FRCP
Montreal, Quebec

Nicholas Barbaro, MD
San Francisco, CA

A. James Barkovich, MD
San Francisco, CA

Christoph Baumgartner, MD
Vienna, Austria

Albert Becker, MD
Bonn, Germany

Selim Benbadis, MD
Tampa, FL

Andrew Bleasel, MBBS
Sydney, Australia

Ingmar Blümcke, MD
Erlangen, Germany

Warren Blume, MD, FRCP
London, Ontario

Blaise Bourgeois, MD
Boston, MA

Carol Camfield, MD, FRCP
Halifax, Nova Scotia

Rochelle Caplan, MD
Los Angeles, CA

Francesco Cardinale, MD
Milan, Italy

Mar Carreño, MD, PhD
Barcelona, Spain

Gregory Cascino, MD
Rochester, MN

Fernando Cendes, MD, PhD
São Paulo, Brasil

Stephan Chabardès, MD, PhD
Grenoble, France

(continues)

2009 Epilepsy Symposia Invited Faculty

(continued)

Michael Duchowny, MD

Miami, FL

Jonathan Edwards, MD

Charleston, SC

Christian Elger, MD, PhD, FRCP

Bonn, Germany

Frank Gilliam, MD, MPH

New York, NY

Tracy Glauser, MD

Cincinnati, OH

Sheryl Haut, MD

Bronx, NY

Bruce Hermann, PhD

Madison, WI

Dominique Hoffman, MD

Grenoble, France

Hans Holthausen, MD

Vogtareuth, Germany

Prasanna Jayakar, MD, PhD

Miami, FL

Philippe Kahane, MD, PhD

Grenoble, France

Andres Kanner, MD

Chicago, IL

Steffi Koch-Stoecker, MD

Bielefeld, Germany

Matthias Koepp, MD, PhD

London, UK

Eric Kossoff, MD

Baltimore, MD

David Loring, PhD

Gainesville, FL

Giorgio LoRusso, MD

Milan, Italy

Anne McIntosh, PhD

Melbourne, Australia

Guy McKhann, MD, PhD

New York, NY

Kimford Meador, MD

Atlanta, GA

Martha Morrell, MD

Stanford, CA

Harold Morris, III, MD

Burlington, VT

George Ojemann, MD

Seattle, WA

Jeff Ojemann, MD

Seattle, WA

Elietu Paglioli, MD

Porto Alegre, Brazil

Andre Palmieri, MD, PhD

Porto Alegre, Brazil

Steven Roper, MD

Gainesville, FL

Americo Sakamoto, MD, PhD

Sao Paulo, Brazil

Stephan Schuele, MD

Chicago, IL

Paul Shkurovich, MD

Mexico City, Mexico

Mary Lou Smith, PhD

Toronto, Ontario

Norman So, MD

Portland, OR

Ulrich Specht, MD

Bethel, Germany

Roberto Spreafico, MD, PhD

Milan, Italy

Nitin Tandon, MD

Houston, TX

Laura Tassi, MD

Milan, Italy

Wim Van Paesschen, MD, PhD

Leuven, Belgium

Eileen Vining, MD

Baltimore, MD

Harry Vinters, MD

Los Angeles, CA

Howard Weiner, MD

New York, NY

Peter Widdess-Walsh, MD

West Orange, NJ

Samuel Wiebe, MD, MSc, FRCPC

Calgary, Alberta

Peter Winkler, MD

Munich, Germany

Epileptology: Comprehensive Review and Practical Exercises

June 19 - 21, 2009

Friday, June 19, 2009

8:00	Registration and Continental Breakfast	
8:20	Opening Remarks and Welcome	<i>Andreas Alexopoulos and Deepak Lachhwani</i>
8:30	Mechanisms of Epilepsy	<i>Imad Najm</i>
9:15	Genetics of Epilepsy	<i>Jocelyn Bautista</i>
10:00	BREAK	
10:30	Principles of EEG	<i>Andrew Bleasel</i>
11:15	Status Epilepticus	<i>Andreas Alexopoulos</i>
12:00	LUNCH	
14:00	<i>Pediatric Interictal EEG Workshop</i>	
	<i>Moderators: Ajay Gupta and Prasanna Jayakar</i>	
15:30	<i>Adult Interictal EEG Workshop</i>	
	<i>Moderators: Richard Burgess and Paul Shkurovich</i>	
17:00	BREAK	
17:30	Development of Antiepileptic Drugs	<i>Tracy Glauser</i>

Saturday, June 20, 2009

8:00	Pathology of Epilepsy Comorbidities	<i>Richard Prayson</i>
8:45	Neuroimaging in Epilepsy	<i>A. James Barkovich</i>
9:30	BREAK	
10:00	Pediatric Epilepsy Syndromes	<i>Deepak Lachhwani</i>
10:45	Adult Epilepsy Syndromes	<i>Dileep Nair</i>
11:30	Psychiatric Comorbidities in Epilepsy	<i>George Tesar</i>
12:15	LUNCH	
14:00	<i>Pediatric Ictal EEG Workshop</i>	
	<i>Moderators: Hans Holthausen and Deepak Lachhwani</i>	
15:30	<i>Adult Ictal EEG Workshop</i>	
	<i>Moderators: Nancy Foldvary-Schaefer and Stephen Hantus</i>	
17:00	BREAK	
17:30	Medical Management of Epilepsy (Adult)	<i>Mar Carreño</i>

Sunday, June 21, 2009

8:00	Medical Management of Epilepsy (Pediatric)	<i>Prakash Kotagal</i>
8:45	Surgical Management of Epilepsy	<i>William Bingaman</i>
9:30	Non-Pharmacological and Palliative Epilepsy Therapies	<i>Bassel Abou-Khalil</i>
10:15	BREAK	
10:30	<i>Pediatric Surgical Management Workshop</i>	
	<i>Moderators: Ingrid Tuxhorn and Prasanna Jayakar</i>	
11:45	<i>Adult Surgical Management Workshop</i>	
	<i>Moderators: Imad Najm and Bassel Abou-Khalil</i>	
13:00	Adjourn	

18th International Cleveland Clinic Epilepsy Symposium: Epilepsy Surgery – Improving Outcomes

June 21 - 24, 2009

Sunday, June 21, 2009 • Pre-Symposium Special Session Epilepsy Surgery Outcomes: Global Experience

Outcome data presentations from around the globe and a round-table discussion

19:00-21:00 Round Table Discussion
Moderators: *Imad Najm and Lara Jehi*
Participants: *National and International Faculty*

Monday, June 22, 2009 Seizure Outcome Following Epilepsy Surgery

Plenary Session (I): 8:00-11:30

- 8:00 Opening Remarks – *Lara Jehi, Ingrid Tuxhorn*
- 8:05 Life After Surgery: Video Presentation
- 8:15 Epilepsy Surgery: A Cure? – *Samuel Wiebe*
- 8:35 Current Seizure Outcome Measures: Strengths and Weaknesses – *Anne McIntosh*
- 8:55 Seizure Outcome Measures: Lessons to Learn from Oncology and Other Diseases – *Glen Stevens*

- 9:15 BREAK

- 9:30 EEG and Seizure Outcome – *Bassel Abou-Khalil*
- 9:50 Clinical Semiology and Seizure Outcome – *Americo Sakamoto*
- 10:10 Role of MRI – *Fernando Cendes*
- 10:30 Role of PET – *Matthias Koepp*
- 10:50 Role of SPECT – *Wim Van Paesschen*
- 11:10 Role of Preexisting Neuro-psychiatric Co-morbidities – *Steffi Koch-Stoecker*

- 11:30 BREAK

11:40



The Second Dudley S. Dinner Distinguished Epileptologist's Lecture
Introduction – *Prakash Kotagal*

Epilepsy Surgery Across the Ages: Then and Now – *Frederick Andermann*

12:30 LUNCH

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Plenary Session (II): Effect of Anatomy on Seizure Outcome

- 13:30 Seizure Outcome and its Predictors Following Temporal Lobe Surgery –
Christian Elger
- 14:00 Seizure Outcome and its Predictors Following Extratemporal Surgery – *Lara Jehi*
- 14:30 Seizure Outcome and its Predictors Following Hemispherectomy –
William Bingaman
- 15:00 Panel Discussion
- 15:15 BREAK

Plenary Session (III): Effect of Pathology on Seizure Outcome

- 15:30 Generalized EEG and Focal Pathology in the Pediatric Epilepsy Population –
Elaine Wyllie
- 15:55 Cortical Dysplasia and Developmental Tumors: Special Surgical Considerations
That Affect Outcome – *Michael Duchowny*
- 16:20 Sturge Weber Syndrome Revisited – *Ingrid Tuxhorn*
- 16:45 Outcomes Following Surgery for Rasmussen's Encephalitis and Other Acquired
Pathologies – *Eileen Vining*
- 17:10 Seizure Outcome Following Tuberosus Sclerosis Surgery – *Howard Weiner*
- 17:35 Panel Discussion and Questions



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Tuesday, June 23, 2009 Focus on Cognitive and Psychiatric Outcomes

Parallel Session (I): 8:00-10:00 **Language and Memory Outcomes Following Epilepsy Surgery**

Moderators: *Bruce Hermann and Dileep Nair*

- 8:00 Language and Memory Surgery Outcomes: Plasticity over the Lifespan – *Bruce Hermann*
- 8:30 Value of WADA Test and f-MRI – *Kimford Meador*
- 9:00 Role of Gamma-knife Radiosurgery – *Nicholas Barbaro*
- 9:30 Role of Invasive EEG – *Dileep Nair*

Parallel Session (II): 8:00-10:00 **Psychiatric Outcomes and Epilepsy Surgery**

Moderators: *Andres Kanner and George Tesar*

- 8:00 Overview of Psychiatric Comorbidities in Intractable Epilepsy – *George Tesar*
- 8:30 Psychiatric Complications of Epilepsy Surgery – *Andres Kanner*
- 9:00 Psychiatric Comorbidities in Children: Relevance for Surgical Treatment – *Rochelle Caplan*
- 9:30 Postoperative Non-epileptic Seizures – *Selim Benbadis*

Parallel Session (III): 8:00-10:00 **Mortality in Epilepsy**

Moderators: *Lara Jehi and Stephan Schuele*

- 8:00 Mortality in Adults with Epilepsy – *TBD*
- 8:20 Mortality in Children with Epilepsy – *Carol Camfield*
- 8:40 SUDEP: Evidence for a Non-cardiac Mechanism – *Stephan Schuele*
- 9:00 SUDEP: Evidence for a Cardiac Mechanism – *TBD*
- 9:20 Effect of Epilepsy Surgery and Seizure Control on Mortality – *Lara Jehi*
- 9:40 Panel Discussion

10:00 BREAK

Parallel Session (IV): 10:30-12:00 **Social Outcomes Following Epilepsy Surgery**

Moderators: *Frank Gilliam and Ingrid Tuxhorn*

- 10:30 Quality of Life After Surgery – *Mary Lou Smith*
- 10:50 Vocational Rehabilitation and Epilepsy Surgery – *Ulrich Specht*
- 11:10 Social Challenges After Surgery – *Frank Gilliam*
- 11:40 Economic Impact of Epilepsy Surgery – *Sheryl Haut*

Surgical Session (I): 10:30-12:00 **Temporal Lobe Epilepsy Didactic Session**

Moderator: *Jorge Gonzalez-Martinez*

- 10:30 Key Anatomic Points for Temporal Lobe Surgery – *Steve Roper*
- 10:50 Predicting Neurocognitive Risk – *David Loring*
- 11:10 Approach to Failed Temporal Lobe Surgery – *Jorge Gonzalez-Martinez*
- 11:30 Function in the Dominant Temporal Lobe – *George Ojemann*

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Surgical Laboratory (I): 12:30-16:30

Temporal Lobe Dissection

Moderators: *William Bingaman and Steven Roper*

Faculty: *Surgical Faculty*

Workshop (I): 13:30-15:30

Workshop I A: Using Neuropsychiatric Measures in Counseling Patients About Post Operative Memory Outcome

Moderators: *Richard Naugle and Jennifer Haut*

Workshop I B: Use of Invasive EEG Information in Predicting Seizure and Functional Outcome

Moderators: *Prakash Kotagal and Andreas Alexopoulos*

15:30 BREAK

Workshop (II): 16:00-17:30

Workshop II A: Managing Psychiatric Issues Following Epilepsy Surgery

Moderators: *George Tesar and John Glazer*

Workshop II B: Outcome of Surgically Remediable Pediatric Epilepsy Syndromes

Moderators: *Ingrid Tuxhorn and Ajay Gupta*

Surgical Session (II): 16:00-18:00

Insular Epilepsy and Invasive Electrode Implantation Strategies

Moderators: *Jorge Gonzalez-Martinez and Giorgio LoRusso*

16:00 Clinical and Electrophysiological Manifestations of the Epilepsies Involving the Insular Lobe – *Philippe Kahane*

16:30 Insular Anatomy and Surgical Approaches for the Insular Lobe – *Stephan Chabardés*

17:00 Indications, Safety and Techniques of Invasive Monitoring for the Insula:

The Stereo-Electroencephalographic Approach – *Francesco Cardinale*

17:30 Discussion

Buffet Dinner Reception at the InterContinental Hotel

Special Plenary Session (IV): 19:00-21:00

Ethics and Clinical Decision Making: How to Decide About Which Outcomes

Moderator: *Paul Ford*

Panelists: *Samuel Wiebe and Frederick Andermann*

Case Presentations: *Ajay Gupta, Cynthia Kubu, Howard Weiner*

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Wednesday, June 24, 2009

Pathology and Post Surgical Management Options

Parallel Session (V): 8:00-10:00

Management After Surgery

Moderators: *Blaise Bourgeois and Lara Jehi*

- 8:00 AED Discontinuation Following Epilepsy Surgery: Candidates and Lessons Learned From the Clinic – *Christoph Baumgartner*
- 8:30 AED Discontinuation Following Epilepsy Surgery: Timing and Lessons Learned From Basic Research – *Blaise Bourgeois*
- 9:00 When is a Postoperative Seizure Equivalent to “Epilepsy Recurrence”? – *Lara Jehi*
- 9:30 Role of Imaging in Evaluation of Postoperative Seizures – *Paul Ruggieri*
- 9:45 Role of EEG in Evaluation of Postoperative Seizures – *Warren Blume*

Parallel Session (VI): 8:00-10:00

Effect of Pathology on Outcome

Moderators: *Andre Palmi and Richard Prayson*

- 8:00 Hippocampal sclerosis – *Ingmar Blümcke*
- 8:25 FCD: Revising the Current Classification – *Andre Palmi*
- 8:50 Vascular Malformations and Tumors – *Albert Becker*
- 9:15 Hemispheric Pathologies – *Harry Vinters*
- 9:40 Outcome of FCD and HS in Children and Adults – *Peter Widess-Walsh*

Surgical Session (III): 8:00-10:00

Extratemporal Epilepsy Surgery Techniques

Moderators: *Jeff Ojemann and Eliseu Paglioli*

- 8:00 Functional Anatomy of the Frontal and Central Lobes – *Guy McKhann*
- 8:30 Surgical Approaches for the Frontal and Central Lobes – *Eliseu Paglioli*
- 9:00 Surgical Approaches for the Posterior Quadrant Epilepsies – *Nitin Tandon*
- 9:30 Hemispherectomy Techniques – *Jorge Gonzalez-Martinez*

10:00 BREAK

Parallel Session (VII): 10:30-12:00

Surgical Failures and Re-operation

Moderators: *William Bingaman and Gregory Cascino*

- 10:30 Causes of Surgical Failures: General Overview – *Gregory Cascino*
- 11:00 Timing of Failure: Insights on Mechanism? – *Diosely Silveira*
- 11:30 Outcome Following Re-operation – *Jorge Gonzalez-Martinez*

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Parallel Session (VIII) 10:30-12:30

Outcomes Following Non-pharmacologic/Non-resective Interventions

Moderators: *Jonathan Edwards and Prakash Kotagal*

- 10:30 Vagus Nerve Stimulation – *Jonathan Edwards*
10:50 Deep Brain Stimulation – *Sean Nagel*
11:10 Ketogenic Diet – *Eric Kossoff*
11:30 Responsive Neuro-Stimulation – *Martha Morrell*
11:50 Panel Discussion
12:00 LUNCH

Surgical Laboratory (II): 12:30-17:00

Hemispherectomy and Extratemporal Dissection

Moderators: *William Bingaman and Nitin Tandon*

Faculty: *Surgical Faculty*

Workshop (III): 13:30-15:30

Workshop III A: Anti-epileptic Drug Management After Epilepsy Surgery

Moderators: *Nancy Foldvary-Schaefer and Deepak Lachhwani*

Workshop III B: The Use of MEG and fMRI in Presurgical Evaluation

Moderators: *Richard Burgess and Stephen Jones*

Workshop (IV): 16:00-17:30

Workshop IV A: Management of Patients with Bilateral Temporal Seizures on Surface EEG

Moderators: *Norman So and Harold Morris*

Workshop IV B: Management of Non-lesional Extratemporal Patients

Moderators: *Imad Najm and Andrew Bleasel*

17:30 ADJOURN



Call for Abstracts

The **Cleveland Clinic Epilepsy Surgery Symposium** organizing committee invites meeting attendees to submit abstracts describing original epilepsy-related research.

The committee is also happy to announce the institution of the Cleveland Clinic Epilepsy Center Research Award. This award is offered to meeting attendees from within the United States and abroad whose abstracts provide a significant contribution to the Symposium's general theme and the understanding of epilepsy mechanisms and treatments.

Five winners will be selected by the organizing committee. The winners will have their meeting registration fee waived and will be provided free accommodation in the meeting hotel's headquarters, as well as the opportunity to present their data in a dedicated session and ceremony.

Our goal is to encourage young researchers in the field of epilepsy by providing them with an opportunity to showcase and discuss their results with experts in the field, and provide ground for further investigations.

All other accepted abstracts will be shown in a poster session.

Abstracts may be submitted at www.ccfcm.org/epilepsy09. Deadline for submission is **May 1, 2009**.



www.ccfcm.org/epilepsy09

The Second Dudley S. Dinner Distinguished Epileptologist's Lecture

The Second Dudley S. Dinner Distinguished Epileptologist's Lecture 2009 Honoree



Frederick Andermann, OC, MD, FRCP

Frederick Andermann, OC, MD, FRCP is a paediatric and adult epileptologist who has made significant contributions to the diagnosis and treatment of epilepsy. At the Montreal Neurological Institute and Hospital, he has developed new strategies for the management of this disorder and has advanced the understanding of other neurological conditions. He has been on the editorial boards of several international journals and has served in leadership roles with the International League Against Epilepsy. A professor at McGill University, he continues his lifelong dedication to improving the quality of life of those living with seizure disorders. Frederick Andermann received the Wilder Penfield Prize of the Prix du Québec, and is an Officer of the Order of

Canada, Canada's highest civilian order and the centrepiece of the Canadian system of honors.



Dudley Dinner, MD (1947-2007) came to the Cleveland Clinic in 1979 as the first fellow in clinical neurophysiology and epilepsy and then joined the Epilepsy Section as staff neurologist and epileptologist. He played a leading role in establishing the epilepsy surgery program, evoked potentials and intraoperative monitoring. Dr. Dinner made many valuable contributions to understanding the usefulness of the intra-carotid amytal (WADA) test and the functional anatomy of the supplementary motor area cortex. He established and

directed the sleep disorders center. Dr. Dinner has published numerous scientific papers, invited reviews, editorials and chapters and also edited the book *Sleep and Epilepsy*. His vast knowledge and experience was a source of strength for both the epilepsy surgery and sleep programs at the Cleveland Clinic. He was very active in the American Clinical Neurophysiology Society and was Associate Editor of the *Journal of Clinical Neurophysiology*. His wisdom and kind, gentle spirit provided guidance and encouraged his colleagues, epilepsy fellows and neurology residents.

General Information

Location

InterContinental Hotel and Bank of America Conference Center
9801 Carnegie Ave., Cleveland, OH 44106
Telephone: 877-707-8999 or 216-707-4100

A block of rooms has been reserved at the InterContinental Hotel at the special group rate of \$189 per night plus tax. Reservations must be made by Monday, May 18, 2009 in order to qualify for this rate.

Information

For further information about this activity, contact Martha Tobin at
Local: 216-445-3449
Toll Free: 800-223-2273 x53449
Email: tobinm@ccf.org

Deadline for Registration and Cancellation

Register at www.ccfme.org/epilepsy09. Deadline for registration for the symposium is **5:00 pm (EST), Monday, June 15, 2009**. A request for a refund must be received in writing by June 15, 2009. No refunds will be given after June 15, but registration is transferable through June 24, 2009. A \$50 cancellation fee will be deducted from the refund for all cancellations.

Please Note: If you register online, you will receive an immediate registration confirmation notice indicating that payment was processed. If the notice contains the word "error" please contact the registration office at 216-448-0777 to confirm registration. Mailed or faxed registrations will receive a confirmation notice by e-mail unless requested otherwise on the registration form. To check on the status of a faxed or mailed registration, please call 216-448-0777 or send an e-mail to cmeregistration@ccf.org.

Accreditation

For Physicians

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this educational activity for a maximum of 51 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association Council on Continuing Medical Education for Category 2 credit.

Faculty Disclosure Statement

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Americans with Disabilities Act

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Martha Tobin at 216-445-3449 or tobinm@ccf.org at least two weeks prior to the activity.

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Go to: www.ccfcm.org/epilepsy09

Once you register online, please do not mail or fax in a registration form.

Complete the information below if registering by mail or fax:

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<input type="checkbox"/> I require a vegetarian meal		Confirmation Notice Preference: <input type="checkbox"/> US Mail <input type="checkbox"/> Fax <input type="checkbox"/> Email	

	Epileptology Course Only June 19-21	Epilepsy Surgery Course Lectures Only June 22-24	Epileptology and Epilepsy Surgery Course Combined June 19-24	Epilepsy Surgery Course Lectures and Hands-On Lab for Neurosurgeons Only June 22-24
	A	B	C	D
Physicians or Neurosurgeons	\$295.00	\$349.00	\$595.00	
Residents, Fellows, PhD, Nurses, PAs, APNs	\$149.00	\$199.00	\$295.00	
Comprecare	\$191.75	\$226.85	\$386.75	\$906.75
Cleveland Clinic Alumnus	\$177.00	\$209.40	\$357.00	\$837.00
Neurosurgeons				\$1395.00
Neurosurgery Resident or Fellow				\$695.00

Fee includes: registration materials, continental breakfasts, lunches, receptions, and refreshment breaks.

Payment must be received prior to admittance to the symposium. Purchase orders are not accepted.

Total amount enclosed or to be charged: \$ _____

PAYMENT

Make check payable to: The Cleveland Clinic Educational Foundation
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If paying by credit card, registration should be FAXED to 216-448-0783.
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